

TECHNICAL DATA SHEET

EnergiSava 210 | Low Energy Whole House Heat Recovery Unit

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KEY FEATURES

- ✓ Compact and lightweight with single person installation, weighs 15Kg
- ✓ Easy commissioning via stepped speed control on the control pad
- ✓ Integral Intellitrac® humidity tracking controls to control RH levels quietly and efficiently
- ✓ Hard-wired control switch to activate kitchen boost, display mode of operation, set holiday mode and filter indicator
- ✓ 100% Automatic and integral mechanical bypass with no reduction in airflow
- ✓ High efficiency counter flow cell capable of up to 89% thermal efficiency and Specific Fan Power (SFP) down to 0.781 W/l/s
- ✓ 2 year warranty

PRODUCT

The energiSava® 210 is a low energy, continuously running whole house MVHR unit designed to draw moisture laden air out of the wet rooms of a property, whilst minimising the migration of humidity to other rooms.

APPLICATION SUITABILITY

The unit shall be suitable for houses, apartments and communal residences with kitchen plus up to 5 additional wet rooms, the unit will ventilate the property in full compliance with current building regulations and is SAP PCDB Listed.

MOTOR

The unit shall incorporate a EC motor designed to operate continuously.

FAN

The unit shall be a backward curved impeller.

ORDER CODES

CODE(S)	DESCRIPTION
ESAVA210	Standard unit with remote control (hard wired) and humidity tracker

PRODUCT CHARACTERISTICS DATABASE (PCDB)

Exhaust Terminal Configuration	Specific Fan Power (W/l/s)	Heat Recovery Efficiency (%)
Kitchen + 1 wet room	0.81	89
Kitchen + 2 wet rooms	0.82	87
Kitchen + 3 wet rooms	0.89	87
Kitchen + 4 wet rooms	1.03	85
Kitchen + 5 wet rooms	1.22	85

SAP 2012

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CONSTRUCTION

The housing of the unit shall be constructed out of polypropylene. The front cover and spigots shall be constructed out of ABS.

WARRANTY

The unit shall be covered by a two year warranty.

MECHANICAL SUMMER BYPASS

The automatic, 100% integral mechanical summer by-pass shall ensure that cooler air enters the property on warmer days, creating an ideal indoor climate.

FILTRATION

The unit shall be supplied with plug out / plug in 2 x ISO Coarse 65% (G4) on the extract and supply inlets.

SERVICING / MAINTENANCE

The energiSava® 210 shall be fitted with a self-cleaning backward curved impeller. The front cover shall enable easy access to the filters to be replaced or removed.

CONTROLS

The energiSava® 210 shall incorporate automatic Intellitrac® humidity controls and is supplied with a hard wired controller with a timed boost, function filter and summer bypass indicator.

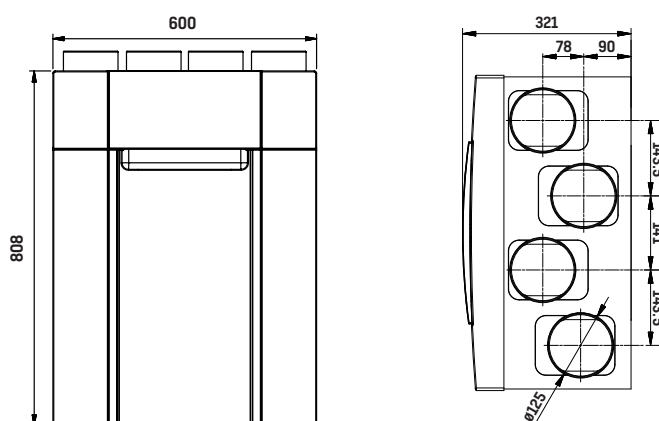
ACCREDITATION

- SAP PCDB Listed
- Conforms to the requirements of the UK Building Regulations and the Technical Standards for Ventilation
- Conforms to requirements of the EC council directives relating to Electromagnetic Compatibility and Electrical Safety (LDV and EMC).
- CE Marked

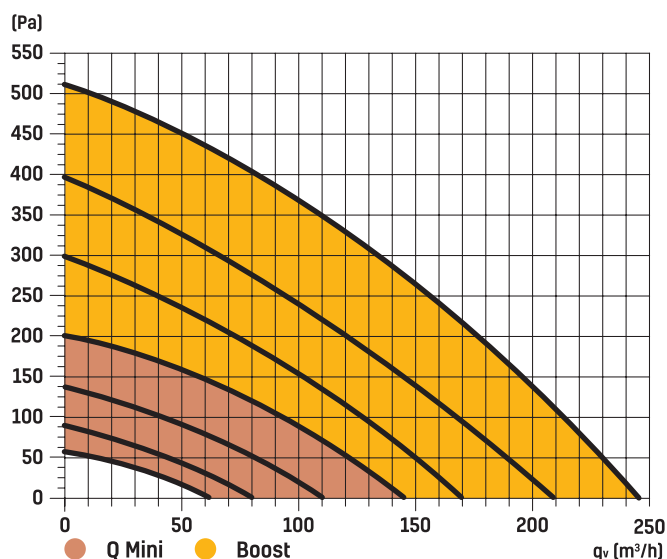
INSTALLATION

The unit shall be capable of being installed horizontally or vertically on walls.

SIZE



PERFORMANCE CURVE



A full Consultant Specification can be sent on request.